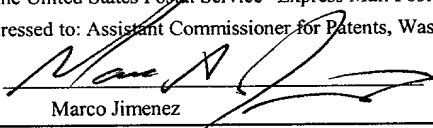


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Marco Jimenez

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the REISSUE APPLICATION of:

Yoshimasa ISOZAKI et al.

Patent No.: 5,981,860

Issue Date: November 9, 1999

For: SOUND SOURCE SYSTEM BASED ON  
COMPUTER SOFTWARE AND  
METHOD OF GENERATING  
ACOUSTIC WAVEFORM DATA

Reissue App. No.: Not Yet Assigned

**REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY  
BY INVENTOR**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter that is described and claimed in patent number 5,981,860, granted on November 9, 1999, and in the foregoing specification, and for which a reissue patent is sought on the invention entitled SOUND SOURCE SYSTEM BASED ON COMPUTER SOFTWARE AND METHOD OF

GENERATING ACOUSTIC WAVEFORM DATA, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a) and (b).

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

EARLIEST FOREIGN APPLICATION(S) IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
COUNTRY (if PCT indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. § 119
JAPAN	8-246942	30/08/1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
JAPAN	8-248952	30/08/1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
JAPAN	9-017333	14/01/1997	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

ALL FOREIGN APPLICATION(S) IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
COUNTRY (if PCT indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. § 119
N/A			<input type="checkbox"/> YES <input type="checkbox"/> NO

I believe the original patent to be wholly or partly inoperative or invalid by reason of the patentee claiming more or less than the patentee had the right to claim in the patent. All errors corrected in this reissue application arose without any deceptive intent on my part. At least one error upon which reissue is based is that I failed to claim a system for synthesizing a musical

tone according to control information in which a processor executes a process of providing control information at a variable period and a controller controls the variable period according to the detected load of the processor.

### POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Lisa A. Amii (Reg No. 48,199)	Randolph Ted Apple (Reg No. 36,429)
Mehran Arjomand (Reg No. P48,231)	Laurie A. Axford (Reg No. 35,053)
Sanjay S. Bagade (Reg No. 42,280)	Joseph Barrera (Reg No. 44,522)
Erwin J. Basinski (Reg No. 34,773)	Shantanu Basu (Reg No. 43,318)
Richard R. Batt (Reg No. 43,485)	Vincent J. Belusko (Reg No. 30,820)
Jonathan Bockman (Reg No. 45,640)	Kimberly A. Bolin (Reg No. 44,546)
Barry E. Bretschneider (Reg No. 28,055)	Tyler S. Brown (Reg No. 36,465)
Nicholas Buffinger (Reg No. 39,124)	A. Randall Camacho (Reg No. 46,595)
Mark R. Carter (Reg No. 39,131)	Robert K. Cerpa (Reg No. 39,933)
Peng Chen (Reg No. 43,543)	Alex Chartove (Reg No. 31,942)
Thomas Chuang (Reg No. 44,616)	Thomas E. Ciotti (Reg No. 21,013)
Cara M. Coburn (Reg No. 46,631)	Matthew M. D'Amore (Reg No. 42,457)
Raj S. Davé (Reg No. 42,465)	Peter Davis (Reg No. 36,119)
Karen B. Dow (Reg No. 29,684)	Stephen C. Durant (Reg No. 31,506)
Carolyn A. Favorito (Reg No. 39,183)	David L. Fehrman (Reg No. 28,600)
Hector Gallegos (Reg No. 40,614)	Thomas George (Reg No. 45,740)
Debra J. Glaister (Reg No. 33,888)	Kenneth R. Glick (Reg No. 28,612)
Johney U. Han (Reg No. 45,565)	Douglas G. Hodder (Reg No. 41,840)
Alan S. Hodes (Reg No. 38,185)	Charles D. Holland (Reg No. 35,196)
Kelvan P. Howard (Reg No. P48,999)	Peter Hsieh (Reg No. 44,780)
Jill A. Jacobson (Reg No. 40,030)	Wayne Jaeschke, Jr. (Reg No. 38,503)
Madeline I. Johnston (Reg No. 36,174)	Richard D. Jordan (Reg No. 33,519)
Parisa Jorjani (Reg No. 46,813)	Ararat Kapouytian (Reg No. 40,044)
Richard C. Kim (Reg No. 40,046)	Cameron A. King (Reg No. 41,897)
Lawrence B. Kong (Reg No. P49,043)	Kawai Lau (Reg No. 44,461)
Glenn Kubota (Reg No. 44,197)	Rimas T. Lukas (Reg No. 46,451)
Michael J. Mauriel (Reg No. 44,226)	Gladys H. Monroy (Reg No. 32,430)
Philip A. Morin (Reg No. P-45,926)	Kate H. Murashige (Reg No. 29,959)
Mabel Ng (Reg No. P48,922)	Martin M. Noonan (Reg No. 44,264)
Catherine M. Polizzi (Reg No. 40,130)	Phillip Reilly (Reg No. 41,415)
Debra A. Shetka (Reg No. 33,309)	Terri Shieh-Newton (Reg No. 47,081)
Rebecca Shortle (Reg No. 47,083)	Kevin R. Spivak (Reg No. 43,148)
Stanley H. Thompson (Reg No. 45,160)	Thomas L. Treffert (Reg No. P48,279)
Michael R. Ward (Reg No. 38,651)	E. Thomas Wheelock (Reg No. 28,825)

Todd W. Wight (Reg No. 45,218)  
David T. Yang (Reg No. 44,415)  
George C. Yu (Reg No. 44,418)

Frank Wu (Reg No. 41,386)  
Peter J. Yim (Reg No. 44,417)  
Karen R. Zachow (Reg No. 46,332)

all of Morrison & Foerster LLP, 555 West Fifth Street, Suite 3500, Los Angeles, California  
90013-1024, telephone (213) 892-5200, to prosecute this application and transact all matters in  
the United States Patent and Trademark Office connected therewith.

Please direct all written communications relative to this application to:

David L. Fehrman  
Morrison & Foerster LLP  
555 West Fifth Street  
Suite 3500  
Los Angeles, California 90013-1024

Please direct all telephone communications to David L. Fehrman at (213) 892-5601.

I hereby declare that all statements made herein of my own knowledge are true and that  
all statements made on information and belief are believed to be true; and further that these  
statements were made with the knowledge that willful false statements and the like so made are  
punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code  
and that such willful false statements may jeopardize the validity of the application or any patent  
issued thereon.

Sep 6, 2001  
Date

Yoshimasa Isozaki  
Name: Yoshimasa ISOZAKI  
Residence:  
Citizenship:  
Post Office Address:

Sep 5, 2001  
Date

Hideyuki Masuda  
Name: Hideyuki MASUDA  
Residence:  
Citizenship:  
Post Office Address:

Sep 10, 2001  
Date

Hideo Suzuki  
Name: Hideo SUZUKI  
Residence:  
Citizenship:  
Post Office Address:

Sep 4, 2001 Masahiro Shimizu

Date

Name: Masahiro SHIMIZU

Residence:

Citizenship:

Post Office Address:

Sep. 4, 2001

Date

Masashi Hirano

Name: Masashi HIRANO

Residence:

Citizenship:

Post Office Address:

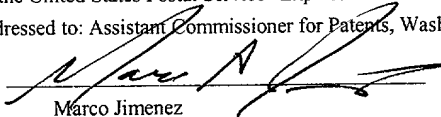
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Marco Jimenez

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the REISSUE APPLICATION of:

Yoshimasa ISOZAKI et al.

Patent No.: 5,981,860

Issue Date: November 9, 1999

For: SOUND SOURCE SYSTEM BASED ON  
COMPUTER SOFTWARE AND METHOD  
OF GENERATING ACOUSTIC  
WAVEFORM DATA

Reissue App. No.: Not Yet Assigned

CONSENT UNDER 37 CFR 1.172 TO REISSUE BY ASSIGNEE

Assistant Commissioner for Patents  
Washington, D.C. 20231


Dear Sir:

Yamaha Corporation, a corporation of Japan, located at 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan, and the Assignee of the entire interest in United States Patent No. 5,981,860, issued November 9, 1999, by virtue of an Assignment from the inventors Yoshimasa Isozaki, Hideyuki Masuda, Hideo Suzuki, Masahiro Shimizu and Masahi Hirano, the Assignment having been recorded at Reel 8702/Frame 0031, hereby consents to the application for reissue of U.S. Patent No. 5,981,860.

I am empowered to act on behalf of the Assignee identified above.

YAMAHA CORPORATION

Date September 11, 2001

By:   
Name: Kosuke Kamo  
Title: General Manager  
Intellectual Property Division



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 20, 1997

PTAS

GRAHAM & JAMES LLP  
DAVID L. FEHRMAN, ESQ.  
801 S. FIGUEROA ST., 14TH FLR.  
LOS ANGELES, CA 90017-5554



\*100536737A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 08/29/1997

REEL/FRAME: 8702/0031  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ISOZAKI, YOSHIMASA

DOC DATE: 08/19/1997

ASSIGNOR:

MASUDA, HIDEYUKI

DOC DATE: 08/19/1997

ASSIGNOR:

SUZUKI, HIDEO

DOC DATE: 08/19/1997

ASSIGNOR:

SHIMIZU, MASAHIRO

DOC DATE: 08/23/1997

ASSIGNOR:

HIRANO, MASASHI

DOC DATE: 08/23/1997

ASSIGNEE:

YAMAHA CORPORATION  
10-1, NAKAZAWA-CHO, HAMAMATSU-SHI  
SHIZUOKA, JAPAN

009292660

8702/0031 PAGE 2

SERIAL NUMBER: 08920947  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

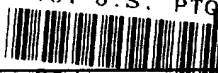
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09-23-1997

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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Yoshimasa ISOZAKI,  
Hideyuki MASUDA, Hideo SUZUKI, Masahiro  
SHIMIZU, and Masashi HIRANO

2. Name and address of receiving party(ies):

Name: YAMAHA CORPORATION

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

3. Name of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Street Address: 10-1, Nakazawa-cho, Hamamatsu-  
shi, Shizuoka, JAPAN

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Execution Date: August 19, 1997 and August 23, 1997

Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: August 19, 1997 and  
August 23, 1997

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ yes ☐ no5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: David L. Fehrman, Esq.

Internal Address: GRAHAM &amp; JAMES LLP

Street Address: 801 S. Figueroa St., 14th Flr.

City: Los Angeles State: CA ZIP 90017-5554

6. Total number of applications and patents involved: ONE

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Brian M. Berliner

Name of Person Signing

Signature

Date August 29, 1997

Total number of pages comprising cover sheet, attachments, and document. 3

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09/23/1997 T10H11  
01 FC:581

H5939

## ASSIGNMENT

Attorney Docket No. 25484, 589

- (1-8) Insert Name(s) of Inventor(s)
- (1) Yoshimasa ISOZAKI (5) Masashi HIRANO  
 (2) Hideyuki MASUDA (6) \_\_\_\_\_  
 (3) Hideo SUZUKI (7) \_\_\_\_\_  
 (4) Masahiro SHIMIZU (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (9) Insert name of Assignee (9) YAMAHA CORPORATION  
 (10) Insert state of Incorporation of Assignee (10) Japan  
 (11) Insert address of Assignee (11) of 10-1 Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken Japan  
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as  
 (12) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (12) SOUND SOURCE SYSTEM BASED ON COMPUTER SOFTWARE AND METHOD OF GENERATING ACOUSTIC WAVEFORM (Case No. \_\_\_\_\_) DATA  
 for which the undersigned has (have) executed an application for patent in the United States of America  
 (13) Insert Date of Signing of Application (13) on \_\_\_\_\_ even date herewith

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s)

David L. Fehrman, Reg. No. 28,600; David L. Henty, Reg. No. 31,323; William J. Robinson, Reg. No. 29,430; Stuart L. Merkaudeau, Reg. No. 33,262; Michael D. Scott, Reg. No. 27,384; David B. Abel, Reg. No. 32,394; Hisako Muramatsu, Reg. No. 34,955; Joseph T. FitzGerald, Reg. No. 33,881; Brian M. Berliner, Reg. No. 34,549; David J. Meyer, Reg. No. 33,425; and Mitchell P. Brook, Reg. No. 32,967

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: August 19, 1997 Name of Inventor Yoshimasa Isozaki (SEAL)  
 Date: August 19, 1997 Name of Inventor Hideyuki Masuda (SEAL)  
 Date: Aug. 19, 1997 Name of Inventor Hideo Suzuki (SEAL)  
 Date: Aug. 23, 1997 Name of Inventor Masahiro Shimizu (SEAL)  
 Date: Aug. 23, 1997 Name of Inventor Masashi Hirano (SEAL)

FOOTNOTES 69292550